



Aminol Paper Machine Oil 320

Product Data Sheet

Paper Machine Oil

Product description

Aminol Paper Machine Oil 320 is a high-performance paper machine circulating oil that utilizes ashless additive technology. It is engineered to deliver excellent lubrication performance while safeguarding equipment components from rust and corrosion.

Application

- Circulating oil systems for paper machines
- Suction box pumps, vacuum and white water pumps, agitators, reduction gears, and gear head motors
- Oil circulation systems for pulp grinders and pulp refiners
- Gear drive units and pumps in industrial applications
- Plain and antifriction bearings operating at elevated temperatures

Features & Benefits

- Excellent oxidation resistance and thermal stability
- High load-carrying capability
- Outstanding demulsibility
- Improved rust and corrosion protection
- Exceptional filterability

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	320
Density at 15°C	g/cm ³	ASTM D 4052	0.901
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	320
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	23.69
Viscosity Index	-	ASTM D 2270	93
Flash Point (COC)	°C	ASTM D 92	284
Pour Point	°C	ASTM D 97	-15
Copper strip corrosion	-	ASTM D 665	pass
Copper strip corrosion, 3 h., at 120°C	-	ASTM D 130	1
Foaming properties			
- Seq I, at 24°C	-		30/0
- Seq I, at 93.5°C	-	ASTM D 892	30/0
- Seq I, at 24°C	-		30/0
Water separability at 82°C	-	ASTM D 1401	15

Typical property characteristics are based on current production. Whilst future production will conform to Aminol



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specifications, variations in these characteristics may occur.

Performance claims

- DIN 51524-2 (HLP)
- DIN 51517-3 (CLP)
- Voith VN 108
- SKF
- Metso
- Anderitz
- Beloit

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.

Notes

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are



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available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.